

ARKANSAS STATE PLANT BOARD
PESTICIDE DIVISION
AIRCRAFT EQUIPMENT INSPECTION REPORT

INITIAL INSPECTION ☐RE-INSPECTION ☐

Firm Name _____ Address _____
City _____ State _____ Zip _____

Equipment ID# _____ Plant Board Equipment ID # _____

GPS Location: Latitude _____ Longitude _____

1. Type of equipment Fixed Wing A/C ☐ Helicopter ☐

Manufacturer _____ Model _____

2. SPRAY OR APPLICATION SYSTEM

a. Nozzles (number and type)

Manufacturer _____ Size _____

b. Is there a low point sample valve painted hunter orange? Yes ☐ No ☐

Indicate low point sample valve location?

c. Indicate boom length _____ Ft _____ Inches

d. Indicate wind span or rotor diameter _____ Ft _____ Inches

Figure % boom length of wind span or rotor diameter

Is boom length Less than or equal to .7 of wind span or .8 of rotary? Yes ☐ No ☐

e. Indicate Nozzle discharge orientation angle _____ Is angle less than 30 degrees? Yes ☐ No ☐

f. Are Nozzle outlets Located 10 inches or greater below trailing edge of wing? ... Yes ☐ No ☐

3. INSPECTION WITH SYSTEM FULL OF WATER("as is" and "in operation" at standstill):

a. Closely check hopper, tank(s), pump(s), valves, boom lines, nozzles, hose, mounts, and all connections.

Are these in good working condition and free of leaks? Yes ☐ No ☐

If not, list exceptions

4. Was Custom applicator decal properly attached near cock-pit entrance? Yes ☐ No ☐

5. Does equipment set-up meet spray classification category in regulations? Yes ☐ No ☐

Any No answers to questions 1-5 indicates equipment did not pass inspection.

6. Does boom extend beyond outermost nozzle by more than 6"? Yes ☐ No ☐

If so, is boom equipped with suitable air bleed system? Yes ☐ No ☐

7. Did aircraft pass inspection? Yes ☐ No ☐

If No, when will the equipment be reinspected?

Attach Form DP-58 and documentation for compliance of a medium or larger droplet size.

Firm's Representative Name(Print) _____ Firm's Representative Signature _____

Date _____

Inspector Name (Print) _____

Inspector Signature _____

Date _____

Original- Plant Board Office

First copy-Firms

Second copy- Inspector